AUTHOR INDEX

AKBARALI H.I. & GILES W.R. Ca^{2+} and Ca^{2+}-activated Cl^- currents in rabbit oesophageal smooth muscle. 117

ALLEN T.G.J., SIM J.A. & BROWN D.A. The whole-cell calcium current in acutely dissociated magnocellular cholinergic basal forebrain neurones of the rat. 91

AMASSIAN V.E. *see* MACCABEE P.J., AMASSIAN V.E., EBERLE L.P. & CRACCO R.Q. Magnetic coil stimulation of straight and bent amphibian and mammalian peripheral nerve *in vitro*: locus of excitation. 201

BABCOCK Mark A. *see* JOHNSON Bruce D., BABCOCK Mark A., SUMAN Oscar E. & DEMPSEY Jerome A. Exercise-induced diaphragmatic fatigue in healthy humans. 385

BAKKER Anthony J., HEAD Stewart I., WILLIAMS David A. & STEPHENSON D. George Ca^{2+} levels in myotubes grown from the skeletal muscle of dystrophic (*mdx*) and normal mice. 1

BASSANI José W.M., BASSANI Rosana A. & BERS Donald M. Ca^{2+} cycling between sarcoplasmic reticulum and mitochondria in rabbit cardiac myocytes. 603

BASSANI Rosana A. *see* BASSANI José W.M., BASSANI Rosana A. & BERS Donald M. Ca^{2+} cycling between sarcoplasmic reticulum and mitochondria in rabbit cardiac myocytes. 603

BECKER Gerhild *see* ENGELHARDT Wolfgang v., BURMESTER Marion, HANSEN Kathrin, BECKER Gerhild & RECHKEMMER Gerhard Effects of amiloride and ouabain on short-chain fatty acid transport in guinea-pig large intestine. 455

BERS Donald M. *see* BASSANI José W.M., BASSANI Rosana A. & BERS Donald M. Ca^{2+} cycling between sarcoplasmic reticulum and mitochondria in rabbit cardiac myocytes. 603

BETZ W.J. & BEWICK G.S. Optical monitoring of transmitter release and synaptic vesicle recycling at the frog neuromuscular junction. 287

BEWICK G.S. *see* BETZ W.J. & BEWICK G.S. Optical monitoring of transmitter release and synaptic vesicle recycling at the frog neuromuscular junction. 287

BISGARD G.E. *see* SMITH C.A., ENGWALL M.J.A., DEMPSEY J.A. & BISGARD G.E. Effects of specific carotid body and brain hypoxia on respiratory muscle control in the awake goat. 623

BRISMAR Tom & COLLINS V. Peter Effect of external cation concentration and metabolic inhibitors on membrane potential of human glial cells. 365

BROWN D.A. *see* ALLEN T.G.J., SIM J.A. & BROWN D.A. The whole-cell calcium current in acutely dissociated magnocellular cholinergic basal forebrain neurones of the rat. 91

BURMESTER Marion *see* ENGELHARDT Wolfgang v., BURMESTER Marion, HANSEN Kathrin, BECKER Gerhild & RECHKEMMER Gerhard Effects of amiloride and ouabain on short-chain fatty acid transport in guinea-pig large intestine. 455

CANNING Brendan J. & UNDEM Bradley J. Relaxant innervation of the guinea-pig trachealis: demonstration of capsaicin-sensitive and -insensitive vagal pathways. 719

CHASE P. Bryant, MARTYN Donald A., KUSHMERICK Martin J. & GORDON Albert M. Effects of inorganic phosphate analogues on stiffness and unloaded shortening of skinned muscle fibres from rabbit. 231

CHEN J. *see* WANG W.-J., HE L., CHEN J., DINGER B. & FIDONE S. Mechanisms underlying chemoreceptor inhibition induced by atrial natriuretic peptide in rabbit carotid body. 427

CHRISTENSEN N. Juel *see* NIELSEN Bodil, HALES J.R.S., STRANGE S., CHRISTENSEN N. Juel, WARBERG J. & SALTIN B. Human circulatory and thermoregulatory adaptations with heat acclimation and exercise in a hot, dry environment. 467

COLLINS V. Peter *see* BRISMAR Tom & COLLINS V. Peter Effect of external cation concentration and metabolic inhibitors on membrane potential of human glial cells. 365

COMBES Denis, SIMMERS John, NONNOTTE Liliane & MOULINS Maurice Tetrodotoxin-sensitive dendritic spiking and control of axonal firing in a lobster mechanoreceptor neurone. 581

CRACCO R.Q. *see* MACCABEE P.J., AMASSIAN V.E., EBERLE L.P. & CRACCO R.Q. Magnetic coil stimulation of straight and bent amphibian and mammalian peripheral nerve *in vitro*: locus of excitation. 201

DE CORT S.C. *see* INNES J.A., DE CORT S.C., KOX W. & GUZ A. Within-breath modulation of left ventricular function during normal breathing and positive-pressure ventilation in man. 487

DELBONO O. & STEFANI E. Calcium current inactivation in denervated rat skeletal muscle fibres. 173

DE LUIS Daniel A. *see* LÓPEZ-LÓPEZ Jose R., DE LUIS Daniel A. & GONZALEZ Constancio Properties of a transient K^+ current in chemoreceptor cells of rabbit carotid body. 15

DEMPSEY J.A. *see* SMITH C.A., ENGWALL M.J.A., DEMPSEY J.A. & BISGARD G.E. Effects of specific carotid body and brain hypoxia on respiratory muscle control in the awake goat. 623

DEMPSEY Jerome A. *see* JOHNSON Bruce D., BABCOCK Mark A., SUMAN Oscar E. & DEMPSEY Jerome A. Exercise-induced diaphragmatic fatigue in healthy humans. 385

DICKSON M., EMONET-DÉNAND F., GLADDEN M.H., PETIT J. & WARD J. Incidence of non-driving excitation of Ia afferents during ramp frequency stimulation of static γ-axons in cat hindlimbs. 657

DINGER B. *see* WANG W.-J., HE L., CHEN J., DINGER B. & FIDONE S. Mechanisms underlying chemoreceptor inhibition induced by atrial natriuretic peptide in rabbit carotid body. 427

EBERLE L.P. *see* MACCABEE P.J., AMASSIAN V.E., EBERLE L.P. & CRACCO R.Q. Magnetic coil stimulation of straight and bent amphibian and mammalian peripheral nerve *in vitro*: locus of excitation. 201

EMONET-DÉNAND F. *see* DICKSON M., EMONET-DÉNAND F., GLADDEN M.H., PETIT J. & WARD J. Incidence of non-driving excitation of Ia afferents during ramp frequency stimulation of static γ-axons in cat hindlimbs. 657

ENGELHARDT Wolfgang v., BURMESTER Marion, HANSEN Kathrin, BECKER Gerhild & RECHKEMMER Gerhard Effects of amiloride and ouabain on short-chain fatty acid transport in guinea-pig large intestine. 455

ENGWALL M.J.A. *see* SMITH C.A., ENGWALL M.J.A., DEMPSEY J.A. & BISGARD G.E. Effects of specific carotid body and brain hypoxia on respiratory muscle control in the awake goat. 623

ENOKA Roger M. *see* FUGLEVAND Andrew J., ZACKOWSKI Kathleen M., HUEY Kimberley A. & ENOKA Roger M. Impairment of neuromuscular propagation during human fatiguing contractions at submaximal forces. 549

ERICKSON K.R., RONNEKLEIV O.K. & KELLY M.J. Electrophysiology of guinea-pig supraoptic neurones: role of hyperpolarization-activated cation current in phasic firing. 407

ERIKSEN Morten *see* LOSSIUS Kristin, ERIKSEN Morten & WALLØE Lars Fluctuations in blood flow to acral skin in humans: connection with heart rate and blood pressure variability. 641

FIDONE S. *see* WANG W.-J., HE L., CHEN J., DINGER B. & FIDONE S. Mechanisms underlying chemoreceptor inhibition induced by atrial natriuretic peptide in rabbit carotid body. 427

FUCHS Ingbert E. *see* WILSON L. Britt, FUCHS Ingbert E., MATSUKAWA Kanji, MITCHELL Jere H. & WALL P. Tim Substance P release in the spinal cord during the exercise pressor reflex in anaesthetized cats. 79

FUGLEVAND Andrew J., ZACKOWSKI Kathleen M., HUEY Kimberley A. & ENOKA Roger M. Impairment of neuromuscular propagation during human fatiguing contractions at submaximal forces. 549

GERTHOFFER William T. *see* OZAKI Hiroshi, GERTHOFFER William T., HORI Masatoshi, KARAKI Hideaki, SANDERS Kenton M. & PUBLICOVER Nelson G. Ca^{2+} regulation of the contractile apparatus in canine gastric smooth muscle. 33

GILES W.R. *see* AKBARALI H.I. & GILES W.R. Ca^{2+} and Ca^{2+}-activated Cl^- currents in rabbit oesophageal smooth muscle. 117

GLADDEN M.H. *see* DICKSON M., EMONET-DÉNAND F., GLADDEN M.H., PETIT J. & WARD J. Incidence of non-driving excitation of Ia afferents during ramp frequency stimulation of static γ-axons in cat hindlimbs. 657

GOLA M. & NIEL J.P. Electrical and integrative properties of rabbit sympathetic neurones re-evaluated by patch clamping non-dissociated cells. 327

GONZALEZ Constancio *see* LÓPEZ-LÓPEZ Jose R., DE LUIS Daniel A. & GONZALEZ Constancio Properties of a transient K^+ current in chemoreceptor cells of rabbit carotid body. 15

GORDON Albert M. *see* CHASE P. Bryant, MARTYN Donald A., KUSHMERICK Martin J. & GORDON Albert M. Effects of inorganic phosphate analogues on stiffness and unloaded shortening of skinned muscle fibres from rabbit. 231

GREENHAFF Paul L., SÖDERLUND Karin, REN Jian-Ming & HULTMAN Eric Energy metabolism in single human muscle fibres during intermittent contraction with occluded circulation. 443

GUZ A. *see* INNES J.A., DE CORT S.C., KOX W. & GUZ A. Within-breath modulation of left ventricular function during normal breathing and positive-pressure ventilation in man. 487

HALES J.R.S. *see* NIELSEN Bodil, HALES J.R.S., STRANGE S., CHRISTENSEN N. Juel, WARBERG J. & SALTIN B. Human circulatory and thermoregulatory adaptations with heat acclimation and exercise in a hot, dry environment. 467

HANSEN Kathrin *see* ENGELHARDT Wolfgang v., BURMESTER Marion, HANSEN Kathrin, BECKER Gerhild & RECHKEMMER Gerhard Effects of amiloride and ouabain on short-chain fatty acid transport in guinea-pig large intestine. 455

HE L. *see* WANG W.-J., HE L., CHEN J., DINGER B. & FIDONE S. Mechanisms underlying chemoreceptor inhibition induced by atrial natriuretic peptide in rabbit carotid body. 427

HEAD Stewart I. *see* BAKKER Anthony J., HEAD Stewart I., WILLIAMS David A. & STEPHENSON D. George Ca^{2+} levels in myotubes grown from the skeletal muscle of dystrophic (*mdx*) and normal mice. 1

HEAD Stewart I. *see* WILLIAMS David A., HEAD Stewart I., LYNCH Gordon S. & STEPHENSON D. George Contractile properties of skinned muscle fibres from young and adult normal and dystrophic (*mdx*) mice. 51

HEWETT Timothy E., MARTIN Anne F. & PAUL Richard J. Correlations between myosin heavy chain isoforms and mechanical parameters in rat myometrium. 351

HILL Ceredwyn E., MYERS Jeffrey W. & PON Darlene C. Involvement of intrahepatic innervation in caesium-induced haemodynamic oscillations in the rat liver. 69

HORI Masatoshi *see* OZAKI Hiroshi, GERTHOFFER William T., HORI Masatoshi, KARAKI Hideaki, SANDERS Kenton M. & PUBLICOVER Nelson G. Ca^{2+} regulation of the contractile apparatus in canine gastric smooth muscle. 33

HUEY Kimberley A. *see* FUGLEVAND Andrew J., ZACKOWSKI Kathleen M., HUEY Kimberley A. & ENOKA Roger M. Impairment of neuromuscular propagation during human fatiguing contractions at submaximal forces. 549

HULTMAN Eric *see* GREENHAFF Paul L., SÖDERLUND Karin, REN Jian-Ming & HULTMAN Eric Energy metabolism in single human muscle fibres during intermittent contraction with occluded circulation. 443

INNES J.A., DE CORT S.C., KOX W. & GUZ A. Within-breath modulation of left ventricular function during normal breathing and positive-pressure ventilation in man. 487

JOHNSON Bruce D., BABCOCK Mark A., SUMAN Oscar E. & DEMPSEY Jerome A. Exercise-induced diaphragmatic fatigue in healthy humans. 385

KAMPE Knut *see* SAFRONOV Boris V., KAMPE Knut & VOGEL Werner Single voltage-dependent potassium channels in rat peripheral nerve membrane. 675

KARAKI Hideaki *see* OZAKI Hiroshi, GERTHOFFER William T., HORI Masatoshi, KARAKI Hideaki, SANDERS Kenton M. & PUBLICOVER Nelson G. Ca^{2+} regulation of the contractile apparatus in canine gastric smooth muscle. 33

KAUFMANN Margit *see* SIMONEAU Jean-Aimé, KAUFMANN Margit & PETTE Dirk Asynchronous increases in oxidative capacity and resistance to fatigue of electrostimulated muscles of rat and rabbit. 573

KELLY M.J. *see* ERICKSON K.R., RONNEKLEIV O.K. & KELLY M.J. Electrophysiology of guinea-pig supraoptic neurones: role of hyperpolarization-activated cation current in phasic firing. 407

KIKUCHI Kimio *see* YAMADA Takenori, KIKUCHI Kimio & SUGI Haruo ^{31}P nuclear magnetic resonance studies on the glycogenolysis regulation in resting and contracting frog skeletal muscle. 273

KOX W. *see* INNES J.A., DE CORT S.C., KOX W. & GUZ A. Within-breath modulation of left ventricular function during normal breathing and positive-pressure ventilation in man. 487

KUSHMERICK Martin J. *see* CHASE P. Bryant, MARTYN Donald A., KUSHMERICK Martin J. & GORDON Albert M. Effects of inorganic phosphate analogues on stiffness and unloaded shortening of skinned muscle fibres from rabbit. 231

LEE Hye Kyung & SANDERS Kenton M. Comparison of ionic currents from interstitial cells and smooth muscle cells of canine colon. 135

LÓPEZ-LÓPEZ Jose R., DE LUIS Daniel A. & GONZALEZ Constancio Properties of a transient K^+ current in chemoreceptor cells of rabbit carotid body. 15

LOSSIUS Kristin, ERIKSEN Morten & WALLØE Lars Fluctuations in blood flow to acral skin in humans: connection with heart rate and blood pressure variability. 641

LYNCH Gordon S. *see* WILLIAMS David A., HEAD Stewart I., LYNCH Gordon S. & STEPHENSON D. George Contractile properties of skinned muscle fibres from young and adult normal and dystrophic (*mdx*) mice. 51

MACCABEE P.J., AMASSIAN V.E., EBERLE L.P. & CRACCO R.Q. Magnetic coil stimulation of straight and bent amphibian and mammalian peripheral nerve *in vitro*: locus of excitation. 201

MARTIN Anne F. *see* HEWETT Timothy E., MARTIN Anne F. & PAUL Richard J. Correlations between myosin heavy chain isoforms and mechanical parameters in rat myometrium. 351

MARTYN Donald A. *see* CHASE P. Bryant, MARTYN Donald A., KUSHMERICK Martin J. & GORDON Albert

M. Effects of inorganic phosphate analogues on stiffness and unloaded shortening of skinned muscle fibres from rabbit. 231

MATSUDA Hiroko Effects of internal and external Na^+ ions on inwardly rectifying K^+ channels in guinea-pig ventricular cells. 311

MATSUKAWA Kanji *see* WILSON L. Britt, FUCHS Ingbert E., MATSUKAWA Kanji, MITCHELL Jere H. & WALL P. Tim Substance P release in the spinal cord during the exercise pressor reflex in anaesthetized cats. 79

MENINI Anna *see* PICCO Cristiana & MENINI Anna The permeability of the cGMP-activated channel to organic cations in retinal rods of the tiger salamander. 741

MITCHELL Jere H. *see* WILSON L. Britt, FUCHS Ingbert E., MATSUKAWA Kanji, MITCHELL Jere H. & WALL P. Tim Substance P release in the spinal cord during the exercise pressor reflex in anaesthetized cats. 79

MOMIYAMA Akiko *see* YAWO Hiromu & MOMIYAMA Akiko Re-evaluation of calcium currents in pre- and postsynaptic neurones of the chick ciliary ganglion. 153

MORIMOTO Akio, NAKAMORI Tomoki, MORIMOTO Keiko, TAN Nobusuke & MURAKAMI Naotoshi The central role of corticotrophin-releasing factor (CRF-41) in psychological stress in rats. 221

MORIMOTO Keiko *see* MORIMOTO Akio, NAKAMORI Tomoki, MORIMOTO Keiko, TAN Nobusuke & MURAKAMI Naotoshi The central role of corticotrophin-releasing factor (CRF-41) in psychological stress in rats. 221

MOULINS Maurice *see* COMBES Denis, SIMMERS John, NONNOTTE Liliane & MOULINS Maurice Tetrodotoxin-sensitive dendritic spiking and control of axonal firing in a lobster mechanoreceptor neurone. 581

MURAKAMI Naotoshi *see* MORIMOTO Akio, NAKAMORI Tomoki, MORIMOTO Keiko, TAN Nobusuke & MURAKAMI Naotoshi The central role of corticotrophin-releasing factor (CRF-41) in psychological stress in rats. 221

MYERS Jeffrey W. *see* HILL Ceredwyn E., MYERS Jeffrey W. & PON Darlene C. Involvement of intrahepatic innervation in caesium-induced haemodynamic oscillations in the rat liver. 69

NAFTALIN R.J. *see* PEDLEY K.C. & NAFTALIN R.J. Evidence from fluorescence microscopy and comparative studies that rat, ovine and bovine colonic crypts are absorptive. 525

NAKAMORI Tomoki *see* MORIMOTO Akio, NAKAMORI Tomoki, MORIMOTO Keiko, TAN Nobusuke & MURAKAMI Naotoshi The central role of corticotrophin-releasing factor (CRF-41) in psychological stress in rats. 221

NAVER H.K. *see* WÅRDELL K., NAVER H.K., NILSSON G.E. & WALLIN B.G. The cutaneous vascular axon reflex in humans characterized by laser Doppler perfusion imaging. 185

NIEL J.P. *see* GOLA M. & NIEL J.P. Electrical and integrative properties of rabbit sympathetic neurones re-evaluated by patch clamping non-dissociated cells. 327

NIELSEN Bodil, HALES J.R.S., STRANGE S., CHRISTENSEN N. Juel, WARBERG J. & SALTIN B. Human circulatory and thermoregulatory adaptations with heat acclimation and exercise in a hot, dry environment. 467

NILSSON G.E. *see* WÅRDELL K., NAVER H.K., NILSSON G.E. & WALLIN B.G. The cutaneous vascular axon reflex in humans characterized by laser Doppler perfusion imaging. 185

NISHIYE E., SOMLYO A.V., TÖRÖK K. & SOMLYO A.P. The effects of MgADP on cross-bridge kinetics: a laser flash photolysis study of guinea-pig smooth muscle. 247

NONNOTTE Liliane *see* COMBES Denis, SIMMERS John, NONNOTTE Liliane & MOULINS Maurice Tetrodotoxin-sensitive dendritic spiking and control of axonal firing in a lobster mechanoreceptor neurone. 581

NORTH R.A. *see* SUGITA S., TANAKA E. & NORTH R.A. Membrane properties and synaptic potentials of three types of neurone in rat lateral amygdala. 705

OZAKI Hiroshi, GERTHOFFER William T., HORI Masatoshi, KARAKI Hideaki, SANDERS Kenton M. & PUBLICOVER Nelson G. Ca^{2+} regulation of the contractile apparatus in canine gastric smooth muscle. 33

PAUL Richard J. *see* HEWETT Timothy E., MARTIN Anne F. & PAUL Richard J. Correlations between myosin heavy chain isoforms and mechanical parameters in rat myometrium. 351

PEDLEY K.C. & NAFTALIN R.J. Evidence from fluorescence microscopy and comparative studies that rat, ovine and bovine colonic crypts are absorptive. 525

PETIT J. *see* DICKSON M., EMONET-DÉNAND F., GLADDEN M.H., PETIT J. & WARD J. Incidence of non-driving excitation of Ia afferents during ramp frequency stimulation of static γ-axons in cat hindlimbs. 657

PETTE Dirk *see* SIMONEAU Jean-Aimé, KAUFMANN Margit & PETTE Dirk Asynchronous increases in oxidative capacity and resistance to fatigue of electrostimulated muscles of rat and rabbit. 573

PHILLIPS S.K., TAKEI M. & YAMADA K. The time course of phosphate metabolites and intracellular pH using ^{31}P NMR compared to recovery heat in rat soleus muscle. 693

PICCO Cristiana & MENINI Anna The permeability of the cGMP-activated channel to organic cations in retinal rods of the tiger salamander. 741

PON Darlene C. *see* HILL Ceredwyn E., MYERS Jeffrey W. & PON Darlene C. Involvement of intrahepatic innervation in caesium-induced haemodynamic oscillations in the rat liver. 69

PUBLICOVER Nelson G. *see* OZAKI Hiroshi, GERTHOFFER William T., HORI Masatoshi, KARAKI Hideaki, SANDERS Kenton M. & PUBLICOVER Nelson G. Ca^{2+} regulation of the contractile apparatus in canine gastric smooth muscle. 33

RECHKEMMER Gerhard *see* ENGELHARDT Wolfgang v., BURMESTER Marion, HANSEN Kathrin, BECKER Gerhild & RECHKEMMER Gerhard Effects of amiloride and ouabain on short-chain fatty acid transport in guinea-pig large intestine. 455

REN Jian-Ming *see* GREENHAFF Paul L., SÖDERLUND Karin, REN Jian-Ming & HULTMAN Eric Energy metabolism in single human muscle fibres during intermittent contraction with occluded circulation. 443

RONNEKLEIV O.K. *see* ERICKSON K.R., RONNEKLEIV O.K. & KELLY M.J. Electrophysiology of guinea-pig supraoptic neurones: role of hyperpolarization-activated cation current in phasic firing. 407

SAFRONOV Boris V., KAMPE Knut & VOGEL Werner Single voltage-dependent potassium channels in rat peripheral nerve membrane. 675

SALTIN B. *see* NIELSEN Bodil, HALES J.R.S., STRANGE S., CHRISTENSEN N. Juel, WARBERG J. & SALTIN B. Human circulatory and thermoregulatory adaptations with heat acclimation and exercise in a hot, dry environment. 467

SANDERS Kenton M. *see* OZAKI Hiroshi, GERTHOFFER William T., HORI Masatoshi, KARAKI Hideaki, SANDERS Kenton M. & PUBLICOVER Nelson G. Ca^{2+} regulation of the contractile apparatus in canine gastric smooth muscle. 33

SANDERS Kenton M. *see* LEE Hye Kyung & SANDERS Kenton M. Comparison of ionic currents from interstitial cells and smooth muscle cells of canine colon. 135

SIM J.A. *see* ALLEN T.G.J., SIM J.A. & BROWN D.A. The whole-cell calcium current in acutely dissociated magnocellular cholinergic basal forebrain neurones of the rat. 91

SIMMERS John *see* COMBES Denis, SIMMERS John, NONNOTTE Liliane & MOULINS Maurice Tetrodotoxin-sensitive dendritic spiking and control of axonal firing in a lobster mechanoreceptor neurone. 581

SIMONEAU Jean-Aimé, KAUFMANN Margit & PETTE Dirk Asynchronous increases in oxidative capacity and resistance to fatigue of electrostimulated muscles of rat and rabbit. 573

SMART Trevor G. *see* XIE Xinmin & SMART Trevor G. Properties of GABA-mediated synaptic potentials induced by zinc in adult rat hippocampal pyramidal neurones. 503

SMITH C.A., ENGWALL M.J.A., DEMPSEY J.A. & BISGARD G.E. Effects of specific carotid body and brain hypoxia on respiratory muscle control in the awake goat. 623

SÖDERLUND Karin *see* GREENHAFF Paul L., SÖDERLUND Karin, REN Jian-Ming & HULTMAN Eric Energy metabolism in single human muscle fibres during intermittent contraction with occluded circulation. 443

SOMLYO A.P. *see* NISHIYE E., SOMLYO A.V., TÖRÖK K. & SOMLYO A.P. The effects of MgADP on cross-bridge kinetics: a laser flash photolysis study of guinea-pig smooth muscle. 247

SOMLYO A.V. *see* NISHIYE E., SOMLYO A.V., TÖRÖK K. & SOMLYO A.P. The effects of MgADP on cross-bridge kinetics: a laser flash photolysis study of guinea-pig smooth muscle. 247

STEFANI E. *see* DELBONO O. & STEFANI E. Calcium current inactivation in denervated rat skeletal muscle fibres. 173

STEPHENSON D. George *see* BAKKER Anthony J., HEAD Stewart I., WILLIAMS David A. & STEPHENSON D. George Ca^{2+} levels in myotubes grown from the skeletal muscle of dystrophic (*mdx*) and normal mice. 1

STEPHENSON D. George *see* WILLIAMS David A., HEAD Stewart I., LYNCH Gordon S. & STEPHENSON D. George Contractile properties of skinned muscle fibres from young and adult normal and dystrophic (*mdx*) mice. 51

STRANGE S. *see* NIELSEN Bodil, HALES J.R.S., STRANGE S., CHRISTENSEN N. Juel, WARBERG J. & SALTIN B. Human circulatory and thermoregulatory adaptations with heat acclimation and exercise in a hot, dry environment. 467

SUGI Haruo *see* YAMADA Takenori, KIKUCHI Kimio & SUGI Haruo ^{31}P nuclear magnetic resonance studies on the glycogenolysis regulation in resting and contracting frog skeletal muscle. 273

SUGITA S., TANAKA E. & NORTH R.A. Membrane properties and synaptic potentials of three types of neurone in rat lateral amygdala. 705

SUMAN Oscar E. *see* JOHNSON Bruce D., BABCOCK Mark A., SUMAN Oscar E. & DEMPSEY Jerome A. Exercise-induced diaphragmatic fatigue in healthy humans. 385

TAKEI M. *see* PHILLIPS S.K., TAKEI M. & YAMADA K. The time course of phosphate metabolites and intracellular pH using ^{31}P NMR compared to recovery heat in rat soleus muscle. 693

TAN Nobusuke *see* MORIMOTO Akio, NAKAMORI Tomoki, MORIMOTO Keiko, TAN Nobusuke & MURAKAMI Naotoshi The central role of corticotrophin-releasing factor (CRF-41) in psychological stress in rats. 221

TANAKA E. *see* SUGITA S., TANAKA E. & NORTH R.A. Membrane properties and synaptic potentials of three types of neurone in rat lateral amygdala. 705

TÖRÖK K. *see* NISHIYE E., SOMLYO A.V., TÖRÖK K. & SOMLYO A.P. The effects of MgADP on cross-bridge kinetics: a laser flash photolysis study of guinea-pig smooth muscle. 247

UNDEM Bradley J. *see* CANNING Brendan J. & UNDEM Bradley J. Relaxant innervation of the guinea-pig trachealis: demonstration of capsaicin-sensitive and -insensitive vagal pathways. 719

VOGEL Werner *see* SAFRONOV Boris V., KAMPE Knut & VOGEL Werner Single voltage-dependent potassium channels in rat peripheral nerve membrane. 675

WALL P. Tim *see* WILSON L. Britt, FUCHS Ingbert E., MATSUKAWA Kanji, MITCHELL Jere H. & WALL P. Tim Substance P release in the spinal cord during the exercise pressor reflex in anaesthetized cats. 79

WALLIN B.G. *see* WÅRDELL K., NAVER H.K., NILSSON G.E. & WALLIN B.G. The cutaneous vascular axon reflex in humans characterized by laser Doppler perfusion imaging. 185

WALLØE Lars *see* LOSSIUS Kristin, ERIKSEN Morten & WALLØE Lars Fluctuations in blood flow to acral skin in humans: connection with heart rate and blood pressure variability. 641

WANG W.-J., HE L., CHEN J., DINGER B. & FIDONE S. Mechanisms underlying chemoreceptor inhibition induced by atrial natriuretic peptide in rabbit carotid body. 427

WARBERG J. *see* NIELSEN Bodil, HALES J.R.S., STRANGE S., CHRISTENSEN N. Juel, WARBERG J. & SALTIN B. Human circulatory and thermoregulatory adaptations with heat acclimation and exercise in a hot, dry environment. 467

WARD J. *see* DICKSON M., EMONET-DÉNAND F., GLADDEN M.H., PETIT J. & WARD J. Incidence of non-driving excitation of Ia afferents during ramp frequency stimulation of static γ-axons in cat hindlimbs. 657

WÅRDELL K., NAVER H.K., NILSSON G.E. & WALLIN B.G. The cutaneous vascular axon reflex in humans characterized by laser Doppler perfusion imaging. 185

WILLIAMS David A. *see* BAKKER Anthony J., HEAD Stewart I., WILLIAMS David A. & STEPHENSON D. George Ca^{2+} levels in myotubes grown from the skeletal muscle of dystrophic (*mdx*) and normal mice. 1

WILLIAMS David A., HEAD Stewart I., LYNCH Gordon S. & STEPHENSON D. George Contractile properties of skinned muscle fibres from young and adult normal and dystrophic (*mdx*) mice. 51

WILSON L. Britt, FUCHS Ingbert E., MATSUKAWA Kanji, MITCHELL Jere H. & WALL P. Tim Substance P release in the spinal cord during the exercise pressor reflex in anaesthetized cats. 79

XIE Xinmin & SMART Trevor G. Properties of GABA-mediated synaptic potentials induced by zinc in adult rat hippocampal pyramidal neurones. 503

YAMADA K. *see* PHILLIPS S.K., TAKEI M. & YAMADA K. The time course of phosphate metabolites and intracellular pH using ^{31}P NMR compared to recovery heat in rat soleus muscle. 693

YAMADA Takenori, KIKUCHI Kimio & SUGI Haruo ^{31}P nuclear magnetic resonance studies on the glycogenolysis regulation in resting and contracting frog skeletal muscle. 273

YAWO Hiromu & MOMIYAMA Akiko Re-evaluation of calcium currents in pre- and postsynaptic neurones of the chick ciliary ganglion. 153

ZACKOWSKI Kathleen M. *see* FUGLEVAND Andrew J., ZACKOWSKI Kathleen M., HUEY Kimberley A. & ENOKA Roger M. Impairment of neuromuscular propagation during human fatiguing contractions at submaximal forces. 549